FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Southwest Research Institute

AUTHORIZING THE OPERATION OF
Southwest Research Institute
Research and Development in the Physical, Engineering and Life Sciences (Except Nanotechnology)

LOCATED AT
Bexar County, Texas
Latitude 29° 26' 48" Longitude 98° 36' 43"
Regulated Entity Number: RN100222983

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1469 Issuance Date: _____

_____
For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:

    A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.

    B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.

    C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.

    D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.

2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):

A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements

B. Title 30 TAC § 101.3 (relating to Circumvention)

C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ

D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ

E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)

F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)

G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)

H. Title 30 TAC § 101.221 (relating to Operational Requirements)

I. Title 30 TAC § 101.222 (relating to Demonstrations)

J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)

3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:

A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:

(i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(1)(E)

(iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)

(iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

(1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.

(2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.

(3) Records of all observations shall be maintained.

(4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(5) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

(c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

C. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)

(iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

(1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.

(2) Records of all observations shall be maintained.

(3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer

visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

(4) Compliance Certification:

(a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

(b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

D. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.

E. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).

F. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:

(i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)

(ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)

(iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)

G. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:

(i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)

(ii) Title 30 TAC § 111.207 (relating to Exception for Recreation, Ceremony, Cooking, and Warmth)

(iii) Title 30 TAC § 111.219 (relating to General Requirements for Allowable Outdoor Burning)

(iv) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)

4. For storage vessels maintaining working pressure as specified in 30 TAC Chapter 115, Subchapter B, Division 1: "Storage of Volatile Organic Compounds," the permit holder shall comply with the requirements of 30 TAC § 115.112(c)(1).

5. Permit holder shall comply with the following 30 TAC Chapter 115, Subchapter C requirements:

A. When filling gasoline storage vessels with a nominal capacity greater than 1,000 gallons (Stage I) at motor vehicle fuel dispensing facilities, which have dispensed no more than 25,000 gallons of gasoline in any calendar month after December 31, 2004, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(iv) Title 30 TAC § 115.226(2)(B) (relating to Recordkeeping Requirements)

B. When filling stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons at a Stage I motor vehicle fuel dispensing facility, the permit holder shall comply with the following requirements specified in 30 TAC Chapter 115, Subchapter C:

(i) Title 30 TAC § 115.222(3) (relating to Control Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

(ii) Title 30 TAC § 115.222(6) (relating to Control Requirements)

(iii) Title 30 TAC § 115.224(1) (relating to Inspection Requirements), as it applies to liquid gasoline leaks, visible vapors, or significant odors

6. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:

A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)

B. Title 40 CFR § 60.8 (relating to Performance Tests)

C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)

D. Title 40 CFR § 60.12 (relating to Circumvention)

E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)

F. Title 40 CFR § 60.14 (relating to Modification)

G. Title 40 CFR § 60.15 (relating to Reconstruction)

H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)

7. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.

8. For each gasoline dispensing facility, with a throughput of less than 10,000 gallons per month as specified in 40 CFR Part 63, Subpart CCCCCC, the permit holder shall comply with the following requirements (Title 30 TAC, Subchapter C, § 113.1380 incorporated by reference):

A. Title 40 CFR § 63.11111(e), for records of monthly throughput

B. Title 40 CFR § 63.11111(i), for compliance due to increase of throughput

C. Title 40 CFR § 63.11111(j), for dispensing from fixed tank into portable tank for on-site delivery

D. Title 40 CFR § 63.11113(c), for compliance due to increase of throughput

E. Title 40 CFR § 63.11115(a), for operation of the source

F. Title 40 CFR § 63.11116(a) and (a)(1) - (4), for work practices

G. Title 40 CFR § 63.11116(b), for records availability

H. Title 40 CFR § 63.11116(d), for portable gasoline containers

Additional Monitoring Requirements

9. The permit holder shall comply with the periodic monitoring requirements as specified in the attached “Periodic Monitoring Summary” upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the “Periodic Monitoring Summary,” for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule, standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under

30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:

A. Are incorporated by reference into this permit as applicable requirements

B. Shall be located with this operating permit

C. Are not eligible for a permit shield

11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.

12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

13. The permit holder shall comply with the following requirements for Air Quality Standard Permits:

A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit

B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit

A. Requirements of the Electric Generating Unit Standard Permit for facilities located in the East Texas region based on the information contained in the registration application.

C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

14. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.

15. Use of Discrete Emission Credits to comply with the applicable requirements:

A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:

(i) Title 30 TAC Chapter 115

(ii) Title 30 TAC Chapter 117

(iii) If applicable, offsets for Title 30 TAC Chapter 116

(iv) Temporarily exceed state NSR permit allowables

B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:

(i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)

(ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4

(iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

(iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122

(v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:

A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

B. Any on site servicing, maintenance, and repair of fleet vehicle air conditioning using ozone-depleting refrigerants shall be conducted in accordance with 40 CFR Part 82, Subpart B. Permit holders shall ensure that repairs or refrigerant removal are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart B.

C. The permit holder shall comply with 40 CFR Part 82, Subpart A for controlling the production, transformation, destruction, export or import of a controlled (ozone-depleting) substance or product as specified in 40 CFR § 82.1 - § 82.13 and the applicable Part 82 Appendices.

D. The permit holder shall comply with 40 CFR Part 82, Subpart A, § 82.13 related to recordkeeping and reporting requirements for the production and consumption of ozone depleting substances.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
2B-FL1	FLARES	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
4	FLARES	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
43	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
44	SRIC ENGINES	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
45	SRIC ENGINES	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
45	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
46	SRIC ENGINES	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
46	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
49	SRIC ENGINES	N/A	60IIII	40 CFR Part 60, Subpart IIII	No changing attributes.
49	SRIC ENGINES	N/A	63ZZZZ	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
5	STATIONARY TURBINES	N/A	60GG	40 CFR Part 60, Subpart GG	No changing attributes.
B142A138	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
B142U87	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
B142U90	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
B151U1	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
B167AT40A	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
B278-FL3	FLARES	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
B87U24E	STORAGE TANKS/VESSELS	N/A	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
B90-FL2	FLARES	N/A	R1111	30 TAC Chapter 111, Visible Emissions	No changing attributes.
BLDG213	LOADING/UNLOADING OPERATIONS	N/A	R5211-1	30 TAC Chapter 115, Loading and Unloading of VOC	Product Transferred = Liquefied petroleum gas (LPG), crude oil, or condensate.
BLDG213	LOADING/UNLOADING OPERATIONS	N/A	R5211-2	30 TAC Chapter 115, Loading and Unloading of VOC	Product Transferred = Gasoline, True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia., Daily Throughput = Loading less than 4,000 gallons of gasoline into transport vessels per day.
BLDG213	LOADING/UNLOADING OPERATIONS	N/A	R5211-3	30 TAC Chapter 115, Loading and Unloading of VOC	Product Transferred = Volatile organic compounds other than liquefied petroleum gas, crude oil, condensate and gasoline., True Vapor Pressure = True vapor pressure is less than 1.5 psia.
CHEMENGFAC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
CHEMLABFAC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EGU	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R1111-1	30 TAC Chapter 111, Visible Emissions	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
GRPTANK33	STORAGE TANKS/VESSELS	B131SU75, B50U25, B50U80	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK35	STORAGE TANKS/VESSELS	B142A139, B142A140, B142A143, B142A144, B142A145, B142A146, B142A147, B142A148, B142A149, B142A150, B193A10, B193A11, B193A12, B193A13, B193A14, B193A15, B193A16, B193A17, B193A18, B193A19, B193A20, B193A21, B193A22, B193A23, B193A24, B202U202A, B75NU172, B75NU173, B75NU176	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK36	STORAGE TANKS/VESSELS	B87U28E, B87U30E, B87U36E, B87U38E	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK37	STORAGE TANKS/VESSELS	B131SU72, B131SU73, B131SU74, B131SU76, B50U27	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK38	STORAGE TANKS/VESSELS	B152U1, B152U2, B75NU44, B75NU45,	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
		B75NU46, B75NU47, B75NU48, B75NU70, B75NU71			
GRPTANK40	STORAGE TANKS/VESSELS	B158A126, B158A128	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK43	STORAGE TANKS/VESSELS	B9A184B, B9A184C, B9A184D, B9A184E	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK44	STORAGE TANKS/VESSELS	B9A180A, B9A180B, B9A181A, B9A181B, B9A185A, B9A186B	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
GRPTANK45	STORAGE TANKS/VESSELS	B9A177, B9A179	R5112	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
LOV	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121-1	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
MICROENFAC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PDU-TO1	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PROCHEMENG	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PROCHEMLAB	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
PROMICROEN	EMISSION POINTS/STATIONARY	N/A	R5121	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	VENTS/PROCESS VENTS				

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
2B-FL1	EU	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
4	EU	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
43	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for	None	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						such engines under this part.			
44	EU	60IIII	NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(a)-Table 1 § 60.4206 § 60.4207(b) § 60.4211(b) [G]§ 60.4211(f) § 60.4218	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 37 KW and a displacement of less than 10 liters per cylinder and is a pre-2007 model year must comply with a NOx emission limit of 9.2 g/KW-hr, as listed in Table 1 to this subpart.	None	§ 60.4211(b)(3)	[G]§ 60.4214(d)
45	EU	60IIII	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						CFR 89.112(a).			
45	EU	60IIII	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
45	EU	60IIII	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
45	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
46	EU	60IIII	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
46	EU	60IIII	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
46	EU	60IIII	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
46	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
49	EU	60IIII	CO	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4218 § 89.112(a)	equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a CO emission limit of 3.5 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
49	EU	60IIII	NMHC and NO_X	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a maximum engine power greater than or equal to 75 KW and less than or equal to 560 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with an NMHC+NOx emission limit of 4.0 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).	None	None	[G]§ 60.4214(d)
49	EU	60IIII	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(b) § 60.4202(a)(2) § 60.4206 § 60.4207(b) [G]§ 60.4211(a)	Owners and operators of emergency stationary CI ICE, that are not fire pump engines, with a	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.4211(c) [G]§ 60.4211(f) § 60.4218 § 89.112(a)	maximum engine power greater than or equal to 130 KW and less than or equal to 2237 KW and a displacement of less than 10 liters per cylinder and is a 2007 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as stated in 40 CFR 60.4202(a)(2) and 40 CFR 89.112(a).			
49	EU	63ZZZZ	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
5	EU	60GG	SO2	40 CFR Part 60,	§ 60.333(a)	No stationary gas	§ 60.334(h)	None	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Subpart GG		turbine shall cause to be discharged into the atmosphere any gases which contain sulfur dioxide in excess of 0.015% by volume at 15% O2 dry basis.	[G]§ 60.334(h)(3)		
5	EU	60GG	NO_X	40 CFR Part 60, Subpart GG	§ 60.332(a)(2) § 60.332(a)(3) § 60.332(k)	No owner or operator shall discharge into the atmosphere from any stationary gas turbine, any gases which contain nitrogen oxides in excess of the amount as determined from the specified equation.	[G]§ 60.335(a) § 60.335(b)(1) § 60.335(b)(2) § 60.335(c)(1) ** See Periodic Monitoring Summary	None	None
B142A138	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
B142U87	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
B142U90	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
B151U1	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
B167AT40A	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
B278-FL3	CD	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						§101.222(b).			
B87U24E	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
B90-FL2	CD	R1111	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period, except for upset emissions as provided in §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
BLDG213	EU	R5211-1	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(4) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Crude oil, condensate, and liquefied petroleum gas. All loading and unloading of crude oil, condensate, and liquefied petroleum gas is exempt from division, except for the specified requirements.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3)(A) § 115.216(3)(A)(ii) § 115.216(3)(B)	None
BLDG213	EU	R5211-2	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(3)(B) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Gasoline bulk plants which load less than 4,000 gallons of gasoline into transport vessels per day are exempt from the	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i)	§ 115.216 § 115.216(3)(D)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division, except for.			
BLDG213	EU	R5211-3	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(b)(2) § 115.212(b)(2) § 115.214(b)(1)(B) § 115.214(b)(1)(D) § 115.214(b)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division except as specified.	§ 115.214(b)(1)(A) § 115.214(b)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
CHEMENGFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
CHEMENGFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
CHEMLABFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
CHEMLABFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None
EGU	EP	R1111-1	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(1)(C) § 111.111(a)(1)(E)	Visible emissions from any stationary vent shall not exceed an opacity of 15% averaged over a six minute period for any source with a total flow rate of at least 100,000 acfm unless a CEMS is installed.	[G]§ 111.111(a)(1)(F) ** See Periodic Monitoring Summary	None	None
GRPTANK33	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).			
GRPTANK35	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
GRPTANK36	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
GRPTANK37	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
GRPTANK38	EU	R5112	VOC	30 TAC Chapter	§ 115.112(c)(1)	Tanks shall not store	** See Periodic	None	§ 115.114(c)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				115, Storage of VOCs		VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	Monitoring Summary		
GRPTANK40	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
GRPTANK43	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
GRPTANK44	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Table I(b).			
GRPTANK45	EU	R5112	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(c)(1)	Tanks shall not store VOC, other than crude oil or condensate, unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(b).	** See Periodic Monitoring Summary	None	§ 115.114(c)(1)(B)
LOV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
LOV	EP	R5121-1	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None
MICROENFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls		concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.		§ 115.126(4)	
MICROENFAC	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None
PDU-TO1	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2) § 115.126(3)(C)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(3)(C)	None
PROCHEMENG	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						(C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.			
PROCHEMENG	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None
PROCHEMLAB	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
PROCHEMLAB	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.			
PROMICROEN	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(C) § 115.127(c)(1)	A vent gas stream having a concentration of the VOC specified in §115.121(c)(1)(B) and (C) of this title less than 30,000 ppmv is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
PROMICROEN	EP	R5121	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(c)(1)(B) § 115.127(c)(1)	A vent gas stream having a combined weight of the VOC or classes of compounds specified in §115.121(c)(1)(B)-(C) of this title equal to or less than 100 lbs in a continuous 24-hour period is exempt from the requirements of §115.121(c)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(3) § 115.126(4)	None

Additional Monitoring Requirements

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG
Pollutant: NO_X	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: NOx Concentration	
Minimum Frequency: Every 15,000 hours of operation	
Averaging Period: n/a	
Deviation Limit: 0.87 lb/MMBtu (pounds per million BTUs)	
Periodic Monitoring Text: Monitor and record the nitrogen oxide concentration in the exhaust stream using a portable analyzer to monitor nitrogen oxide. The portable analyzer shall be operated in accordance with the Environmental Protection Agency's, Office of Air Quality Planning & Standards, Emission Measurement Center Conditional Test Method - Determination of Oxygen, Carbon Monoxide, and Oxides of Nitrogen from Stationary Sources For Periodic Monitoring (Portable Electrochemical Analyzer Procedure) [CTM-034] (September 8, 1999). NOx emissions shall be corrected/calculated in units of the underlying applicable emission limitation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 5	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG
Pollutant: NO_X	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: Fuel Consumption	
Minimum Frequency: Monthly	
Averaging Period: n/a	
Deviation Limit: 3.42 MMcf/month	
Periodic Monitoring Text: Measure and record fuel consumption. Establish a maximum fuel consumption limit using the most appropriate of the following: the most recent performance test data, manufacturer's recommendations, engineering calculations, and/or historical data. The monitoring instrumentation shall be maintained, calibrated, and operated in accordance with the manufacturer's specifications or other written procedures. Any monitoring data above the maximum limit shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142A138	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142A138	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142U87	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142U87	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142U90	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B142U90	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B151U1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B151U1	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B167AT40A	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B167AT40A	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B87U24E	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: B87U24E	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It shall be considered a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: EGU	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 111, Visible Emissions	SOP Index No.: R1111-1
Pollutant: Opacity	Main Standard: § 111.111(a)(1)(C)
Monitoring Information	
Indicator: Visible Emissions	
Minimum Frequency: Once per month, if operated during the month	
Averaging Period: n/a	
Deviation Limit: No visible emissions, or if using Test Method 9 opacity shall not exceed 15%.	
Periodic Monitoring Text: Visible emissions observations shall be made and recorded. Note that to properly determine the presence of visible emissions, all sources must be in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 miles, away from the emission source during the observation. The observer shall select a position where the sun is not directly in the observer's eyes. If the observations cannot be conducted due to weather conditions, the date, time, and specific weather conditions shall be recorded. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. If visible emissions are observed, the permit holder shall report a deviation. As an alternative, the permit holder may determine the opacity consistent with Test Method 9, as soon as practicable, but no later than 24 hours after observing visible emissions. If the result of the Test Method 9 is an opacity above the corresponding opacity limit, the permit holder shall report a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK33	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK33	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK35	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK35	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK36	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK36	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK37	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK37	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK38	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK38	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK40	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question, and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK40	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has a maximum clearance of 6 inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK43	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK43	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK44	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK44	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has maximum clearance of six (6) inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK45	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the inspection indicates that the structural integrity of the fill pipe is in question, and required repairs are not completed prior to refilling the storage vessel.	
Periodic Monitoring Text: Inspect to determine the structural integrity of the fill pipe and record each time the storage vessel is emptied and degassed to ensure that it continues to meet the specifications in the above requirement. If the structural integrity of the fill pipe is in question, repairs shall be made before the storage vessel is refilled. It shall be considered and reported as a deviation if the repairs are not completed prior to refilling the storage vessel.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: GRPTANK45	
Control Device ID No.: SFP	Control Device Type: Other Control Device Type
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: R5112
Pollutant: VOC	Main Standard: § 115.112(c)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: It is a deviation if the facility does not have drawings of the tank construction to illustrate that the fill pipe has a maximum clearance of 6 inches from the tank bottom.	
Periodic Monitoring Text: Keep a record of tank construction specifications (e.g. engineering drawings) that show a fill pipe that extends from the top of a tank to have a maximum clearance of six inches (15.2 centimeters) from the bottom or, when the tank is loaded from the side, a discharge opening entirely submerged when the pipe used to withdraw liquid from the tank can no longer withdraw liquid in normal operation.	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
31	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
31	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
32	N/A	40 CFR Part 60, Subpart IIII	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
32	N/A	40 CFR Part 63, Subpart ZZZZ	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
33	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
33	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
34	N/A	40 CFR Part 60, Subpart IIII	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
34	N/A	40 CFR Part 63, Subpart ZZZZ	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
35	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
35	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
36	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
36	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
37	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
37	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
38	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
38	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
39	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			1, 2006, and is not a fire pump engine.
39	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
4	N/A	40 CFR Part 60, Subpart A	The flare is not used as a control device to comply with applicable subparts of 40 CFR parts 60 and 61.
40	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
40	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
41	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
41	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
42	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
42	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			RICE located at an area source of HAP emissions.
43	N/A	40 CFR Part 60, Subpart IIII	Stationary CI ICE that commenced construction before July 11, 2005, where the stationary CI ICE is manufactured before April 1, 2006, and is not a fire pump engine.
44	N/A	40 CFR Part 63, Subpart ZZZZ	Existing institutional emergency stationary RICE located at an area source of HAP emissions.
47	N/A	40 CFR Part 60, Subpart IIII	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
47	N/A	40 CFR Part 63, Subpart ZZZZ	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
48	N/A	40 CFR Part 60, Subpart IIII	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
48	N/A	40 CFR Part 63, Subpart ZZZZ	This is a portable, not stationary, compression ignition (CI) internal combustion engine (ICE).
B106AR6	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B142A138	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B142U87	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B142U90	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
B151AA223	N/A	40 CFR Part 60, Subpart Kb	The tank capacity is less than 75 cu. meters (19,800 gallons).
B151AA3	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B151AA5	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B151U1	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B156U156A	N/A	40 CFR Part 60, Subpart Ka	The tank does not store petroleum liquid.
B158A125	N/A	40 CFR Part 60, Subpart Kb	The tank capacity is less than 75 cu. meters (19,800 gallons).
B158A127	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B167AT100A	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B167AT20B	N/A	30 TAC Chapter 115, Storage of VOCs	The storage tank is storing VOC with a true vapor pressure less than 1.5 psia and is, therefore, exempt from the requirements of the division.
B167AT20B	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B167AT40A	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B178PLATE1	N/A	40 CFR Part 63, Subpart N	Plating operation is part of a research and laboratory operation.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
B207A207A	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B58U153	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B75NA122	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B75NA63	N/A	40 CFR Part 60, Subpart K	The tank has a capacity less than 40,000 gallons.
B75NA8B	N/A	40 CFR Part 60, Subpart K	The tank has a capacity less than 40,000 gallons.
B75NU171	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B75NU175	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B75NU82	N/A	30 TAC Chapter 115, Storage of VOCs	The storage tank is storing VOC with a true vapor pressure less than 1.5 psia and is, therefore, exempt from the requirements of the division.
B75NU82	N/A	40 CFR Part 60, Subpart K	The tank has a capacity less than 40,000 gallons.
B75NU83	N/A	40 CFR Part 60, Subpart K	The tank has a capacity less than 40,000 gallons.
B75SA117	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B75SA99	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			gallons.
B75SATC7	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B87U24E	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B99A37	N/A	40 CFR Part 60, Subpart K	The tank was constructed prior to June 11, 1973.
B99A5	N/A	40 CFR Part 60, Subpart Ka	The tank has a capacity less than 40,000 gallons.
B9A178	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
B9A184A	N/A	40 CFR Part 60, Subpart Kb	The tank has a capacity of less than 75 cubic meters (19,800 gallons).
EGU	N/A	30 TAC Chapter 115, Vent Gas Controls	Source is not used as a control device for any vent gas stream.
EGU	N/A	40 CFR Part 60, Subpart Db	Heated CO2 stream does not meet the requirements of “heats any heat transfer medium”, hence the unit does not meet the requirements of a steam generating unit.
EGU	N/A	40 CFR Part 60, Subpart GG	Source is not a stationary gas turbine.
FLTSVCCTR	N/A	30 TAC Chapter 115, Loading and Unloading of VOC	Motor vehicle fuel dispensing facilities are exempt from the requirements of this division.
GRPCT	COOLING, CT-128, CT-131, CT-142, CT-151, CT-156-1, CT-156-2, CT-163, CT-171, CT-	40 CFR Part 63, Subpart Q	The cooling towers are not operated with chromium-based water treatment chemicals after September 8, 1994.

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Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
	186, CT-212, CT-217, CT-231, CT-249, CT-264, CT-61, CT-63, CT-67, CT-69, CT-75-1, CT-75-2, CT-75-3, CT-75-5, CT-75-7, CT-87-1, CT-87-2, CT-87-3, CT-99, CT-PDU		
GRP-PW	12, 15, 16, 17, 19	30 TAC Chapter 115, Degreasing Processes	All parts washers use solvents with a true vapor pressure less than 0.6 psia at 100 degree F, have drain areas less than 16 sq. in., & spent solvents are properly disposed.
GRPTANK10	B142A119, B50U26	40 CFR Part 60, Subpart K	The tanks have a capacity less than 40,000 gallons.
GRPTANK13	B142U84, B142U85, B142U86, B142U88, B142U89, B142U91, B151AA4, B152U3	40 CFR Part 60, Subpart Ka	The tanks have a capacity less than 40,000 gallons.
GRPTANK14	B75SA105, B75SA107, B75SATC9A, B75SATC9B	40 CFR Part 60, Subpart Ka	The tanks have a capacity less than 40,000 gallons.
GRPTANK16	B158A69, B75SA8	40 CFR Part 60, Subpart Ka	The tanks do not store petroleum liquid.
GRPTANK17	B142A132, B151AA1, B151AA2, B167AT100B, B167AT100C, B167AT20A, B58U151, B58U152, B61A92, B75NA121, B75NU174, B87U18E, B87U19E, B87U20E, B87U21E	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK18	B167AA9, B171UN, B171US, B207A187, B207A188,	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
	B207A189, B207A190, B207A191, B207A192, B207A193, B75NA129, B75NA130, B75SA131, B75SATC1, B75SATC2, B75SATC3, B75SATC4		
GRPTANK2	B99A31, B99A32, B99A33, B99A34, B99A35, B99A36	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK23	B167AT10A, B167AT10B, B167AT10C, B167AT10D	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK25	B99A21, B99A22, B99A23, B99A24	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK26	B142A60, B75NU41, B75NU42	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK27	B106AA10, B146A49A, B167AT6A, B178A1, B58A58A	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK28	B106AA6, B146A75A, B61A93	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK29	B151U10, B151U3, B151U4, B151U5, B151U7, B151U9	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK30	B151U11, B151U6, B151U8, B75SATC5, B75SATC6	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK31	B167AT50A, B167AT50B	30 TAC Chapter 115, Storage of VOCs	The storage tanks are storing VOC with a true vapor pressure less than 1.5 psia and are, therefore, exempt from the requirements of the division.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRPTANK31	B167AT50A, B167AT50B	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK33	B131SU75, B50U25, B50U80	40 CFR Part 60, Subpart K	The tanks have a capacity less than 40,000 gallons.
GRPTANK35	B142A139, B142A140, B142A143, B142A144, B142A145, B142A146, B142A147, B142A148, B142A149, B142A150, B193A10, B193A11, B193A12, B193A13, B193A14, B193A15, B193A16, B193A17, B193A18, B193A19, B193A20, B193A21, B193A22, B193A23, B193A24, B202U202A, B75NU172, B75NU173, B75NU176	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK36	B87U28E, B87U30E, B87U36E, B87U38E	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters (19,800 gallons).
GRPTANK37	B131SU72, B131SU73, B131SU74, B131SU76, B50U27	40 CFR Part 60, Subpart K	The tanks have a capacity less than 40,000 gallons.
GRPTANK38	B152U1, B152U2, B75NU44, B75NU45, B75NU46, B75NU47, B75NU48, B75NU70, B75NU71	40 CFR Part 60, Subpart Ka	The tanks have a capacity less than 40,000 gallons.
GRPTANK39	B87U33E, B87U35E, B87U37E	30 TAC Chapter 115, Storage of VOCs	The storage tanks are storing VOC with a true vapor pressure less than 1.5 psia and are, therefore, exempt from the requirements of the

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			division.
GRPTANK39	B87U33E, B87U35E, B87U37E	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK4	B103A9, B142A104	40 CFR Part 60, Subpart K	These tanks were constructed prior to June 11, 1973.
GRPTANK40	B158A126, B158A128	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters (19,800 gallons).
GRPTANK41	B106AR3, B106AR4	40 CFR Part 60, Subpart Ka	The tanks have a capacity less than 40,000 gallons.
GRPTANK42	B9A182A, B9A182B, B9A182C, B9A182D, B9A182E, B9A182F, B9A182G, B9A183A, B9A183B, B9A183C, B9A183D, B9A183E, B9A183F, B9A183G	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK43	B9A184B, B9A184C, B9A184D, B9A184E	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK44	B9A180A, B9A180B, B9A181A, B9A181B, B9A185A, B9A186B	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK45	B9A177, B9A179	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters (19,800 gallons).
GRPTANK46	B9A185B, B9A186A	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK47	PORTA10A, PORTA11A, PORTA222	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters (19,800 gallons).
GRPTANK48	MFF1, MFF2, MFF3, MFF4	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
			(19,800 gallons).
GRPTANK49	VS1, VS2, VS3, VS4	40 CFR Part 60, Subpart Kb	All tank capacities are less than 75 cu. meters (19,800 gallons).
GRPTANK50	B106AA7, B153A1, B153A2, B156A135, B156A136, B167AT3A, B167AT5A, B167AT5B, B167AT5C, B167AT5D, B167AT5F, B186AA17, B202U159, B202U161, B202U163, B202U165, B202U167, B202U169, B209A118, B228A1, B61A100, B61A95, B75A120, B75A133, B75NA106, B75SA78, B87A220, B99A20	40 CFR Part 60, Subpart Kb	The tanks have a capacity less than 40,000 gallons
GRPTANK51	B75ATC10, B75ATC8, B87U25E	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK52	B106A7, B106AR1, B106AR2, B156A218, B156A219, B87U31E, B87U34E	40 CFR Part 60, Subpart Kb	Each tank has a capacity of less than 75 cubic meters (19,800 gallons).
GRPTANK53	B151U2, B156U108, B156U109, B156U110, B156U111, B156U112, B156U113, B156U114, B156U115	40 CFR Part 60, Subpart Kb	The tanks have a capacity less than 40,000 gallons.
GRPTANK6	B131U131A, B75NA8A	40 CFR Part 60, Subpart K	The tanks have a capacity less than 40,000 gallons

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit/Group/Process		Regulation	Basis of Determination
ID No.	Group/Inclusive Units		
GRPTANK8	B142A103, B142A56, B142A81	40 CFR Part 60, Subpart K	The tanks have a capacity less than 40,000 gallons
HTR	N/A	30 TAC Chapter 115, Vent Gas Controls	Source is not used as a control device for any vent gas stream.

New Source Review Authorization References

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 116335	Issuance Date: 01/14/2014
Authorization No.: 121894	Issuance Date: 08/18/2014
Authorization No.: 131031	Issuance Date: 04/13/2015
Authorization No.: 147262	Issuance Date: 07/11/2017
Authorization No.: 43833	Issuance Date: 12/20/2013
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.264	Version No./Date: 03/14/1997
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.371	Version No./Date: 03/14/1997
Number: 106.371	Version No./Date: 09/04/2000
Number: 106.375	Version No./Date: 09/04/2000
Number: 106.412	Version No./Date: 03/14/1997
Number: 106.433	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 03/14/1997
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.473	Version No./Date: 03/14/1997
Number: 106.473	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 7	Version No./Date: 05/05/1976
Number: 7	Version No./Date: 01/08/1980
Number: 7	Version No./Date: 05/12/1981
Number: 7	Version No./Date: 09/23/1982
Number: 7	Version No./Date: 11/25/1985
Number: 7	Version No./Date: 08/30/1988
Number: 7	Version No./Date: 09/12/1989
Number: 7	Version No./Date: 07/20/1992
Number: 7	Version No./Date: 09/13/1993
Number: 7	Version No./Date: 04/05/1995
Number: 7	Version No./Date: 06/07/1996

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 8	Version No./Date: 05/08/1972
Number: 8	Version No./Date: 09/17/1973
Number: 8	Version No./Date: 05/12/1981
Number: 8	Version No./Date: 09/23/1982
Number: 8	Version No./Date: 11/25/1985
Number: 8	Version No./Date: 08/30/1988
Number: 8	Version No./Date: 09/12/1989
Number: 8	Version No./Date: 07/20/1992
Number: 8	Version No./Date: 09/13/1993
Number: 8	Version No./Date: 05/04/1994
Number: 8	Version No./Date: 04/05/1995
Number: 8	Version No./Date: 10/04/1995
Number: 21	Version No./Date: 11/25/1985
Number: 51	Version No./Date: 11/05/1986
Number: 51	Version No./Date: 08/30/1988
Number: 51	Version No./Date: 09/12/1989
Number: 51	Version No./Date: 07/20/1992
Number: 51	Version No./Date: 09/13/1993
Number: 51	Version No./Date: 05/04/1994
Number: 51	Version No./Date: 06/07/1996
Number: 53	Version No./Date: 11/05/1986
Number: 53	Version No./Date: 09/12/1989
Number: 53	Version No./Date: 07/20/1992
Number: 53	Version No./Date: 09/13/1993
Number: 53	Version No./Date: 05/04/1994
Number: 57	Version No./Date: 05/05/1976
Number: 57	Version No./Date: 09/23/1982
Number: 58	Version No./Date: 05/08/1972
Number: 58	Version No./Date: 05/05/1976
Number: 58	Version No./Date: 01/08/1980
Number: 58	Version No./Date: 05/12/1981
Number: 58	Version No./Date: 09/23/1982

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Number: 59	Version No./Date: 05/08/1972
Number: 59	Version No./Date: 12/01/1972
Number: 59	Version No./Date: 09/17/1973
Number: 59	Version No./Date: 04/04/1975
Number: 59	Version No./Date: 05/05/1976
Number: 60	Version No./Date: 05/08/1972
Number: 60	Version No./Date: 09/17/1973
Number: 60	Version No./Date: 04/04/1975
Number: 60	Version No./Date: 05/05/1976
Number: 60	Version No./Date: 05/12/1981
Number: 60	Version No./Date: 09/23/1982
Number: 61	Version No./Date: 12/01/1972
Number: 63	Version No./Date: 12/01/1972
Number: 63	Version No./Date: 04/04/1975
Number: 63	Version No./Date: 05/05/1976
Number: 63	Version No./Date: 01/08/1980
Number: 63	Version No./Date: 05/12/1981
Number: 63	Version No./Date: 09/23/1982
Number: 64	Version No./Date: 05/08/1972

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
12	PARTS WASHER #1, BUILDING 75	43833
15	PARTS WASHER #4, BUILDING 75	43833
16	PARTS WASHER, BUILDING 99	43833
17	PARTS WASHER, BUILDING 131	43833
19	PARTS WASHER, BUILDING 156	43833
2B-FL1	RESEARCH PILOT PLANT FLARE	43833
31	EMERGENCY GENERATOR, BLDG-90	43833
32	EMERGENCY GENERATOR, BLDG-146-CAT	43833
33	EMERGENCY GENERATOR, BLDG-180	43833
34	EMERGENCY GENERATOR, BLDG-146-CUM	43833
35	EMERGENCY GENERATOR, BLDG-86B	43833
36	EMERGENCY GENERATOR, BLDG-124	43833
37	EMERGENCY GENERATOR, BLDG-253	43833
38	EMERGENCY GENERATOR, BLDG-252	43833
39	PROJECT GENERATOR, BLDG-261	43833
40	EMERGENCY GENERATOR, BLDG-209	43833
41	EMERGENCY GENERATOR, BLDG-242	43833
42	EMERGENCY GENERATOR, BLDG-256	43833
43	EMERGENCY GENERATOR, BLDG-152	43833
44	EMERGENCY GENERATOR, BLDG-238	43833
45	EMERGENCY GENERATOR, BLDG-263	43833

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
46	EMERGENCY GENERATOR, BLDG-264	43833
47	EMERGENCY GENERATOR, PORT-3	43833
48	EMERGENCY GENERATOR, PORT-4	43833
49	EMERGENCY GENERATOR, BLDG-260	43833
4	MRF FLARE	43833
5	MRF GAS TURBINE	43833
B103A9	STORAGE TANKS / VESSELS	64/05/08/1972
B106A7	STORAGE TANKS / VESSELS	106.473/09/04/2000
B106AA10	STORAGE TANKS / VESSELS	53/11/05/1986
B106AA6	STORAGE TANKS / VESSELS	60/05/08/1972
B106AA7	STORAGE TANKS / VESSELS	106.473/09/04/2000
B106AR1	STORAGE TANKS / VESSELS	106.473/09/04/2000
B106AR2	STORAGE TANKS / VESSELS	106.473/09/04/2000
B106AR3	STORAGE TANKS / VESSELS	51/11/05/1986
B106AR4	STORAGE TANKS / VESSELS	51/11/05/1986
B106AR6	STORAGE TANKS / VESSELS	58/09/23/1982
B131SU72	STORAGE TANKS / VESSELS	63/05/05/1976
B131SU73	STORAGE TANKS / VESSELS	63/05/05/1976
B131SU74	STORAGE TANKS / VESSELS	63/05/05/1976
B131SU75	STORAGE TANKS / VESSELS	63/05/05/1976
B131SU76	STORAGE TANKS / VESSELS	63/05/05/1976

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B131U131A	STORAGE TANKS / VESSELS	60/05/05/1976
B142A103	STORAGE TANKS / VESSELS	63/12/01/1972
B142A104	STORAGE TANKS / VESSELS	64/05/08/1972
B142A119	STORAGE TANKS / VESSELS	58/05/05/1976
B142A132	STORAGE TANKS / VESSELS	53/09/12/1989
B142A138	STORAGE TANKS / VESSELS	53/09/12/1989
B142A139	STORAGE TANKS / VESSELS	53/09/12/1989
B142A140	STORAGE TANKS / VESSELS	53/09/12/1989
B142A143	STORAGE TANKS / VESSELS	53/09/12/1989
B142A144	STORAGE TANKS / VESSELS	53/09/12/1989
B142A145	STORAGE TANKS / VESSELS	53/09/12/1989
B142A146	STORAGE TANKS / VESSELS	53/09/12/1989
B142A147	STORAGE TANKS / VESSELS	53/09/12/1989
B142A148	STORAGE TANKS / VESSELS	53/09/12/1989
B142A149	STORAGE TANKS / VESSELS	53/09/12/1989
B142A150	STORAGE TANKS / VESSELS	53/09/12/1989
B142A56	STORAGE TANKS / VESSELS	63/12/01/1972
B142A60	STORAGE TANKS / VESSELS	60/05/08/1972
B142A81	STORAGE TANKS / VESSELS	63/12/01/1972
B142U84	STORAGE TANKS / VESSELS	59/05/05/1976
B142U85	STORAGE TANKS / VESSELS	59/05/05/1976

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B142U86	STORAGE TANKS / VESSELS	59/05/05/1976
B142U87	STORAGE TANKS / VESSELS	59/05/05/1976
B142U88	STORAGE TANKS / VESSELS	59/05/05/1976
B142U89	STORAGE TANKS / VESSELS	59/05/05/1976
B142U90	STORAGE TANKS / VESSELS	59/05/05/1976
B142U91	STORAGE TANKS / VESSELS	59/05/05/1976
B146A49A	STORAGE TANKS / VESSELS	53/09/12/1989
B146A75A	STORAGE TANKS / VESSELS	60/05/08/1972
B151AA1	STORAGE TANKS / VESSELS	51/11/05/1986
B151AA223	STORAGE TANKS / VESSELS	106.473/09/04/2000
B151AA2	STORAGE TANKS / VESSELS	51/11/05/1986
B151AA3	STORAGE TANKS / VESSELS	51/11/05/1986
B151AA4	STORAGE TANKS / VESSELS	59/05/05/1976
B151AA5	STORAGE TANKS / VESSELS	51/11/05/1986
B151U10	STORAGE TANKS / VESSELS	58/09/23/1982
B151U11	STORAGE TANKS / VESSELS	63/09/23/1982
B151U1	STORAGE TANKS / VESSELS	106.473/09/04/2000
B151U2	STORAGE TANKS / VESSELS	58/09/23/1982
B151U3	STORAGE TANKS / VESSELS	58/09/23/1982
B151U4	STORAGE TANKS / VESSELS	58/09/23/1982
B151U5	STORAGE TANKS / VESSELS	58/09/23/1982

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B151U6	STORAGE TANKS / VESSELS	63/09/23/1982
B151U7	STORAGE TANKS / VESSELS	58/09/23/1982
B151U8	STORAGE TANKS / VESSELS	63/09/23/1982
B151U9	STORAGE TANKS / VESSELS	58/09/23/1982
B152U1	STORAGE TANKS / VESSELS	63/09/23/1982
B152U2	STORAGE TANKS / VESSELS	63/09/23/1982
B152U3	STORAGE TANKS / VESSELS	58/09/23/1982
B153A1	STORAGE TANKS / VESSELS	106.473/09/04/2000
B153A2	STORAGE TANKS / VESSELS	106.473/09/04/2000
B156A135	STORAGE TANKS / VESSELS	106.473/09/04/2000
B156A136	STORAGE TANKS / VESSELS	106.473/09/04/2000
B156A218	STORAGE TANKS / VESSELS	106.473/09/04/2000
B156A219	STORAGE TANKS / VESSELS	106.473/09/04/2000
B156U108	STORAGE TANKS / VESSELS	58/09/23/1982
B156U109	STORAGE TANKS / VESSELS	58/09/23/1982
B156U110	STORAGE TANKS / VESSELS	58/09/23/1982
B156U111	STORAGE TANKS / VESSELS	58/09/23/1982
B156U112	STORAGE TANKS / VESSELS	58/09/23/1982
B156U113	STORAGE TANKS / VESSELS	58/09/23/1982
B156U114	STORAGE TANKS / VESSELS	58/09/23/1982
B156U115	STORAGE TANKS / VESSELS	58/09/23/1982

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B156U156A	STORAGE TANKS / VESSELS	60/09/23/1982
B158A125	STORAGE TANKS / VESSELS	51/09/12/1989
B158A126	STORAGE TANKS / VESSELS	53/09/12/1989
B158A127	STORAGE TANKS / VESSELS	53/09/12/1989
B158A128	STORAGE TANKS / VESSELS	53/09/12/1989
B158A69	STORAGE TANKS / VESSELS	58/05/12/1981
B167AA9	STORAGE TANKS / VESSELS	63/09/23/1982
B167AT100A	STORAGE TANKS / VESSELS	58/09/23/1982
B167AT100B	STORAGE TANKS / VESSELS	58/09/23/1982
B167AT100C	STORAGE TANKS / VESSELS	58/09/23/1982
B167AT10A	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT10B	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT10C	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT10D	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT20A	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT20B	STORAGE TANKS / VESSELS	63/09/23/1982
B167AT3A	STORAGE TANKS / VESSELS	106.473/09/04/2000
B167AT40A	STORAGE TANKS / VESSELS	60/05/12/1981
B167AT50A	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT50B	STORAGE TANKS / VESSELS	60/09/23/1982
B167AT5A	STORAGE TANKS / VESSELS	106.473/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B167AT5B	STORAGE TANKS / VESSELS	106.473/09/04/2000
B167AT5C	STORAGE TANKS / VESSELS	106.473/09/04/2000
B167AT5D	STORAGE TANKS / VESSELS	106.473/09/04/2000
B167AT5F	STORAGE TANKS / VESSELS	106.473/09/04/2000
B167AT6A	STORAGE TANKS / VESSELS	60/09/23/1982
B171UN	STORAGE TANKS / VESSELS	53/05/04/1994
B171US	STORAGE TANKS / VESSELS	53/05/04/1994
B178A1	STORAGE TANKS / VESSELS	51/06/07/1996
B178PLATE1	SPACE SCIENCE RESEARCH PLATING LAB	106.375/09/04/2000
B186AA17	STORAGE TANKS / VESSELS	106.473/09/04/2000
B193A10	STORAGE TANKS / VESSELS	53/09/12/1989
B193A11	STORAGE TANKS / VESSELS	53/09/12/1989
B193A12	STORAGE TANKS / VESSELS	53/09/12/1989
B193A13	STORAGE TANKS / VESSELS	53/09/12/1989
B193A14	STORAGE TANKS / VESSELS	53/09/12/1989
B193A15	STORAGE TANKS / VESSELS	53/09/12/1989
B193A16	STORAGE TANKS / VESSELS	53/09/12/1989
B193A17	STORAGE TANKS / VESSELS	53/09/12/1989
B193A18	STORAGE TANKS / VESSELS	53/09/12/1989
B193A19	STORAGE TANKS / VESSELS	53/09/12/1989
B193A20	STORAGE TANKS / VESSELS	53/09/12/1989

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B193A21	STORAGE TANKS / VESSELS	53/09/12/1989
B193A22	STORAGE TANKS / VESSELS	53/09/12/1989
B193A23	STORAGE TANKS / VESSELS	53/09/12/1989
B193A24	STORAGE TANKS / VESSELS	53/09/12/1989
B202U159	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U161	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U163	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U165	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U167	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U169	STORAGE TANKS / VESSELS	106.473/09/04/2000
B202U202A	STORAGE TANKS / VESSELS	53/05/04/1994
B207A187	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A188	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A189	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A190	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A191	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A192	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A193	STORAGE TANKS / VESSELS	106.473/03/14/1997
B207A207A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B209A118	STORAGE TANKS / VESSELS	106.473/09/04/2000
B228A1	STORAGE TANKS / VESSELS	106.473/09/04/2000

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B278-FL3	FLARE AT BUILDING 278	106.492/09/04/2000
B50U25	STORAGE TANKS / VESSELS	63/04/04/1975
B50U26	STORAGE TANKS / VESSELS	59/04/04/1975
B50U27	STORAGE TANKS / VESSELS	63/04/04/1975
B50U80	STORAGE TANKS / VESSELS	63/04/04/1975
B58A58A	STORAGE TANKS / VESSELS	60/09/23/1982
B58U151	STORAGE TANKS / VESSELS	51/05/04/1994
B58U152	STORAGE TANKS / VESSELS	51/05/04/1994
B58U153	STORAGE TANKS / VESSELS	53/05/04/1994
B61A100	STORAGE TANKS / VESSELS	106.473/09/04/2000
B61A92	STORAGE TANKS / VESSELS	51/05/04/1994
B61A93	STORAGE TANKS / VESSELS	60/05/08/1972
B61A95	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75A120	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75A133	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75ATC10	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75ATC8	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75NA106	STORAGE TANKS / VESSELS	63/09/23/1982
B75NA121	STORAGE TANKS / VESSELS	51/07/20/1992
B75NA122	STORAGE TANKS / VESSELS	51/07/20/1992
B75NA129	STORAGE TANKS / VESSELS	53/07/20/1992

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B75NA130	STORAGE TANKS / VESSELS	53/07/20/1992
B75NA63	STORAGE TANKS / VESSELS	60/09/17/1973
B75NA8A	STORAGE TANKS / VESSELS	57/05/05/1976
B75NA8B	STORAGE TANKS / VESSELS	57/05/05/1976
B75NU171	STORAGE TANKS / VESSELS	53/05/04/1994
B75NU172	STORAGE TANKS / VESSELS	53/05/04/1994
B75NU173	STORAGE TANKS / VESSELS	53/05/04/1994
B75NU174	STORAGE TANKS / VESSELS	51/05/04/1994
B75NU175	STORAGE TANKS / VESSELS	53/05/04/1994
B75NU176	STORAGE TANKS / VESSELS	53/05/04/1994
B75NU41	STORAGE TANKS / VESSELS	60/05/08/1972
B75NU42	STORAGE TANKS / VESSELS	60/05/08/1972
B75NU44	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU45	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU46	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU47	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU48	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU70	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU71	STORAGE TANKS / VESSELS	63/01/08/1980
B75NU82	STORAGE TANKS / VESSELS	63/12/01/1972
B75NU83	STORAGE TANKS / VESSELS	59/12/01/1972

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B75SA105	STORAGE TANKS / VESSELS	63/09/23/1982
B75SA107	STORAGE TANKS / VESSELS	63/09/23/1982
B75SA117	STORAGE TANKS / VESSELS	60/09/23/1982
B75SA131	STORAGE TANKS / VESSELS	63/09/23/1982
B75SA78	STORAGE TANKS / VESSELS	106.473/09/04/2000
B75SA8	STORAGE TANKS / VESSELS	59/05/05/1976
B75SA99	STORAGE TANKS / VESSELS	63/05/12/1981
B75SATC1	STORAGE TANKS / VESSELS	53/09/12/1989
B75SATC2	STORAGE TANKS / VESSELS	53/09/12/1989
B75SATC3	STORAGE TANKS / VESSELS	53/09/12/1989
B75SATC4	STORAGE TANKS / VESSELS	53/09/12/1989
B75SATC5	STORAGE TANKS / VESSELS	63/05/12/1981
B75SATC6	STORAGE TANKS / VESSELS	63/05/12/1981
B75SATC7	STORAGE TANKS / VESSELS	63/09/23/1982
B75SATC9A	STORAGE TANKS / VESSELS	63/09/23/1982
B75SATC9B	STORAGE TANKS / VESSELS	63/09/23/1982
B87A220	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U18E	STORAGE TANKS / VESSELS	51/08/30/1988
B87U19E	STORAGE TANKS / VESSELS	51/08/30/1988
B87U20E	STORAGE TANKS / VESSELS	51/08/30/1988
B87U21E	STORAGE TANKS / VESSELS	51/08/30/1988

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B87U24E	STORAGE TANKS / VESSELS	51/09/12/1989
B87U25E	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U28E	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U30E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B87U31E	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U33E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B87U34E	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U35E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B87U36E	STORAGE TANKS / VESSELS	106.473/09/04/2000
B87U37E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B87U38E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B90-FL2	FLARE AT BUILDING 90	106.492/09/04/2000
B99A20	STORAGE TANKS / VESSELS	106.473/09/04/2000
B99A21	STORAGE TANKS / VESSELS	59/09/17/1973
B99A22	STORAGE TANKS / VESSELS	59/09/17/1973
B99A23	STORAGE TANKS / VESSELS	59/09/17/1973
B99A24	STORAGE TANKS / VESSELS	59/09/17/1973
B99A31	STORAGE TANKS / VESSELS	58/05/12/1981
B99A32	STORAGE TANKS / VESSELS	58/05/12/1981
B99A33	STORAGE TANKS / VESSELS	58/05/12/1981
B99A34	STORAGE TANKS / VESSELS	58/05/12/1981

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B99A35	STORAGE TANKS / VESSELS	58/05/12/1981
B99A36	STORAGE TANKS / VESSELS	58/05/12/1981
B99A37	STORAGE TANKS / VESSELS	58/05/12/1981
B99A5	STORAGE TANKS / VESSELS	58/05/12/1981
B9A177	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A178	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A179	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A180A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A180B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A181A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A181B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182C	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182D	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182F	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A182G	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183C	STORAGE TANKS / VESSELS	106.473/03/14/1997

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
B9A183D	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183F	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A183G	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A184A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A184B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A184C	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A184D	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A184E	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A185A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A185B	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A186A	STORAGE TANKS / VESSELS	106.473/03/14/1997
B9A186B	STORAGE TANKS / VESSELS	106.473/03/14/1997
BLDG213	LOADING / UNLOADING OPERATIONS	106.473/03/14/1997
CHEMENGFAC	CHEMICAL ENGINEERING RESEARCH FACILITIES	43833
CHEMLABFAC	CHEMISTRY LAB FACILITIES	43833
COOLING	COOLING TOWER	147262
CT-128	COOLING TOWER	106.371/09/04/2000
CT-131	COOLING TOWER	106.371/09/04/2000
CT-142	COOLING TOWER	106.371/09/04/2000
CT-151	COOLING TOWER	106.371/09/04/2000

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
CT-156-1	COOLING TOWER	106.371/09/04/2000
CT-156-2	COOLING TOWER	106.371/09/04/2000
CT-163	COOLING TOWER	106.371/09/04/2000
CT-171	COOLING TOWER	106.371/09/04/2000
CT-186	COOLING TOWER	106.371/09/04/2000
CT-212	COOLING TOWER	106.371/09/04/2000
CT-217	COOLING TOWER	106.371/09/04/2000
CT-231	COOLING TOWER	106.371/09/04/2000
CT-249	COOLING TOWER	106.371/09/04/2000
CT-264	COOLING TOWER	106.371/09/04/2000
CT-61	COOLING TOWER	106.371/09/04/2000
CT-63	COOLING TOWER	106.371/09/04/2000
CT-67	COOLING TOWER	106.371/09/04/2000
CT-69	COOLING TOWER	106.371/09/04/2000
CT-75-1	COOLING TOWER	106.371/09/04/2000
CT-75-2	COOLING TOWER	106.371/09/04/2000
CT-75-3	COOLING TOWER	106.371/09/04/2000
CT-75-5	COOLING TOWER	106.371/09/04/2000
CT-75-7	COOLING TOWER	106.371/09/04/2000
CT-87-1	COOLING TOWER	106.371/09/04/2000
CT-87-2	COOLING TOWER	106.371/09/04/2000

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
CT-87-3	COOLING TOWER	106.371/09/04/2000
CT-99	COOLING TOWER	106.371/09/04/2000
CT-PDU	COOLING TOWER	106.371/09/04/2000
EGU	ELECTRIC GENERATING UNIT	147262
FLTSVCCTR	MOTOR VEHICLE DISPENSING FACILITY	106.412/03/14/1997
HTR	FUEL GAS HEATER	147262
LOV	LUBE OIL VENT	147262
MFF1	STORAGE TANKS / VESSELS	106.473/09/04/2000
MFF2	STORAGE TANKS / VESSELS	106.473/09/04/2000
MFF3	STORAGE TANKS / VESSELS	106.473/09/04/2000
MFF4	STORAGE TANKS / VESSELS	106.473/09/04/2000
MICROENFAC	MICROENCAPSULATION LAB FACILITIES	43833
PDU-TO1	RESEARCH PILOT PLANT THERMAL OXIDIZER	106.124/09/04/2000
PORTA10A	STORAGE TANKS / VESSELS	106.473/09/04/2000
PORTA11A	STORAGE TANKS / VESSELS	106.473/09/04/2000
PORTA222	STORAGE TANKS / VESSELS	106.473/09/04/2000
PROCHEMENG	CHEMICAL ENGINEERING RESEARCH FACILITIES	43833
PROCHEMLAB	CHEMISTRY LAB FACILITIES	43833
PROMICROEN	MICROENCAPSULATION LAB FACILITIES	43833
VS1	STORAGE TANKS / VESSELS	106.473/09/04/2000
VS2	STORAGE TANKS / VESSELS	106.473/09/04/2000

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization
VS3	STORAGE TANKS / VESSELS	106.473/09/04/2000
VS4	STORAGE TANKS / VESSELS	106.473/09/04/2000

Appendix A

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM ..... actual cubic feet per minute
AMOC ..... alternate means of control
ARP ..... Acid Rain Program
ASTM ..... American Society of Testing and Materials
B/PA ..... Beaumont/Port Arthur (nonattainment area)
CAM ..... Compliance Assurance Monitoring
CD ..... control device
CEMS ..... continuous emissions monitoring system
CFR ..... Code of Federal Regulations
COMS ..... continuous opacity monitoring system
CVS ..... closed vent system
D/FW ..... Dallas/Fort Worth (nonattainment area)
EP ..... emission point
EPA ..... U.S. Environmental Protection Agency
EU ..... emission unit
FCAA Amendments ..... Federal Clean Air Act Amendments
FOP ..... federal operating permit
gr/100 scf ..... grains per 100 standard cubic feet
HAP ..... hazardous air pollutant
H/G/B ..... Houston/Galveston/Brazoria (nonattainment area)
H_2S ..... hydrogen sulfide
ID No. ..... identification number
lb/hr ..... pound(s) per hour
MACT ..... Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr ..... Million British thermal units per hour
NA ..... nonattainment
N/A ..... not applicable
NADB ..... National Allowance Data Base
NESHAP ..... National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO_x ..... nitrogen oxides
NSPS ..... New Source Performance Standard (40 CFR Part 60)
NSR ..... New Source Review
ORIS ..... Office of Regulatory Information Systems
Pb ..... lead
PBR ..... Permit By Rule
PEMS ..... predictive emissions monitoring system
PM ..... particulate matter
ppmv ..... parts per million by volume
PRO ..... process unit
PSD ..... prevention of significant deterioration
psia ..... pounds per square inch absolute
SIP ..... state implementation plan
SO_2 ..... sulfur dioxide
TCEQ ..... Texas Commission on Environmental Quality
TSP ..... total suspended particulate
TVP ..... true vapor pressure
U.S.C. ..... United States Code
VOC ..... volatile organic compound